

ANALYTICA CHIMICA ACTA, VOL. 239 (1990)

AUTHOR INDEX

- Abe, H.
—, Kanaya, S., Komukai, T., Takahashi, Y. and Sasaki, S.
Systemization of semantic descriptions of odors 73
- Agudo, M.
—, Marcos, J., Rios, A. and Valcárcel, M.
Analytical potential of flow gradients in unsegmented flow systems 211
- Al-Zamil, Z.
—, Sultan, S.M. and Hassan, Y.A.
Indirect determination of amino acids by molecular emission cavity analysis 161
- Antuch, W., see Besada, V. 301
- Arai, Y., see Handa, M. 107
- Avaca, L.A., see Britz, D. 87
- Baranski, A.S., see Harman, A.R. 35
- Bennekorn, W.P. Van, see Halvax, J.J. 171
- Benzo, Z. De, see Gomez, M.J. 229
- Bermejo-Barrera, A.
—, Yebra-Biurrun, M.C. and Fraga-Trillo, L.M.
Spectrophotometric determination of uranium in natural waters 321
- Bertolo, P.L., see Gennaro, M.C. 203
- Besada, V.
—, Antuch, W., Cinza, A., Rojas, I., Quintana, M., Padron, G., Takao, T. and Shimonishi, Y.
Chemical characterization of recombinant human epidermal growth factor 301
- Booksh, K.
—, Harder, S., Neu, M. and Stolzberg, R.J.
Monte Carlo simulations for predicting the precision of results and for optimizing data acquisition schedules 53
- Bos, M., see Van Nugteren-Osinga, I.C. 245
- Britz, D.
—, Marques da Silva, B., Avaca, L.A. and Gonzalez, E.R.
The Saul'yev method of digital simulation under derivative boundary conditions 87
- Bult, A., see Halvax, J.J. 171
- Calorkerinos, A.C., see Syropoulos, A.B. 195
- Camões, M.F.G.F.C., see Lito, M.J.G.H.M. 129
- Cerdá, V., see Más, F. 151
- Cinza, A., see Besada, V. 301
- Cordero, A., see Gennaro, M.C. 203
- Coulet, P.R., see D'Urso, E.M. 1
- Covington, A.K., see Lito, M.J.G.H.M. 129
- Crisponi, G., see Nurchi, V. 157
- De Benzo, Z., see Gomez, M.J. 229
- D'Urso, E.M.
— and Coulet, P.R.
Phosphate-sensitive enzyme electrode: a potential sensor for environment control 1
- Elsheimer, H.N.
— and Fries, T.L.
Determination of total tin in silicate rocks by graphite furnace atomic absorption spectrometry 145
- Estela, J.M., see Más, F. 151
- Ferra, M.I.A., see Lito, M.J.G.H.M. 129
- Fraga-Trillo, L.M., see Bermejo-Barrera, A. 321
- Fries, T.L., see Elsheimer, H.N. 145
- Fujita, Y., see Katsu, T. 23
- Furusawa, M., see Kiba, N. 307
- Ganadu, M.L., see Nurchi, V. 157
- Gennaro, M.C.
—, Bertolo, P.L. and Cordero, A.
Determination of nitrite and nitrate in Venice lagoon water by ion interaction reversed-phase liquid chromatography 203
- Gomez, C., see Gomez, M.J. 229
- Gomez, M.J.
—, De Benzo, Z., Gomez, C., Marciano, E., Torres, H. and Ramirez, M.
Comparison of methods for outlier detection and their effects on the classification results for a particular data base 229
- Gonzalez, E.R., see Britz, D. 87
- Halvax, J.J.
—, Wiese, G., Van Bennekorn, W.P. and Bult, A.
Selective and sensitive on-line flow extraction, preconcentration and normal-phase liquid chromatography 171
- Handa, M.
—, Shiozawa, K., Iwai, T. and Arai, Y.
Determination of nitrogen in UN, PuN and (U,Pu)N by oxidation in circulating oxygen and gas chromatographic measurement of the combustion gases 107
- Harder, S., see Booksh, K. 53
- Harman, A.R.
— and Baranski, A.S.
Fast cathodic stripping analysis with ultramicroelectrodes 35
- Hassan, Y.A., see Al-Zamil, Z. 161
- Hirose, S., see Yoshida, S. 181

- Hoogendam, E., see Van Nugteren-Osinga, I.C. 245
- Hou, W.
— and Wang, E.
Detection of flavins by liquid chromatography using an electrochemical detector with two electrodes in series 29
- Imura, H., see Iwata, Y. 115
- Inman, S.M.
—, Thibado, P., Theriault, G.A. and Lieberman, S.H.
Development of a pulsed-laser, fiber-optic-based fluorimeter: determination of fluorescence decay times of polycyclic aromatic hydrocarbons in sea water 45
- Ishihara, N., see Taguchi, H. 13
- Iwai, T., see Handa, M. 107
- Iwata, Y.
—, Imura, H. and Suzuki, N.
Selective preconcentration of rare earth elements by substoichiometric precipitation of calcium oxalate and its application to the neutron activation analysis of biological material 115
- Kaljurand, M.
—, Koel, M. and Küllik, E.
Multiplex advantage and peak resolution in correlation chromatography 317
- Kanaya, S., see Abe, H. 73
- Kasimura, H.
—, Kishikawa, K., Kohmoto, S., Yamamoto, M. and Yamada, K.
Diastereomeric separation of α -amino acid derivatives using a chiral carbodiimide 297
- Katsu, T.
—, Kayamoto, T. and Fujita, Y.
Amino acid analysis using amine-sensitive membrane electrodes 23
- Kayamoto, T., see Katsu, T. 23
- Khaledi, M.G.
— and Rodgers, A.H.
Micellar-mediated shifts of ionization constants of amino acids and peptides 121
- Kiba, N.
—, Tagami, H. and Furusawa, M.
Determination of L-alanine in a flow-injection system with an immobilized enzyme reactor 307
- Kihara, S., see Mukai, H. 277
- Kishikawa, K., see Kasimura, H. 297
- Kito, M., see Yoshida, S. 181
- Koel, M., see Kaljurand, M. 317
- Kohmoto, S., see Kasimura, H. 297
- Komukai, T., see Abe, H. 73
- Krishnan, V.
—, Xidis, A.L. and Neff, V.D.
Prussian blue solid-state films and membranes as potassium ion-selective electrodes 7
- Küllik, E., see Kaljurand, M. 317
- Kumamaru, T., see Okamoto, Y. 139
- Kumbhar, A.G.
—, Rangarajan, S., Narasimhan, S.V. and Mathur, P.K.
Polarographic reduction behaviour of copper in the presence of 1-amino-3-methoxypropane and 2-dimethylaminoethanol 291
- Lancaster, J.S.
—, Worsfold, P.J. and Lynes, A.
Determination of a non-ionic surfactant in aqueous environmental samples by flow-injection analysis with chemiluminescence detection 189
- Lavagnini, I.
—, Pastore, P. and Magno, F.
Comparison of the Kalman filter and dedicated algorithms for processing data for solution equilibria, noise smoothing and calibration 95
- Lieberman, S.H., see Inman, S.M. 45
- Liebich, V.
— and Otto, M.
Applications of fuzzy theory to spatially resolved analysis of solids 61
- Linden, W.E. Van der, see Van Nugteren-Osinga, I.C. 245
- Lito, M.J.G.H.M.
—, Camões, M.F.G.F.C., Ferra, M.I.A. and Covington, A.K.
Calculation of reference pH values for standard solutions from the corresponding acid dissociation constants 129
- Lynes, A., see Lancaster, J.S. 189
- Magno, F., see Lavagnini, I. 95
- Marcano, E., see Gomez, M.J. 229
- Marcos, J., see Agudo, M. 211
- Marek, M., see Vrbová, E. 263
- Marques da Silva, B., see Britz, D. 87
- Márquez, M.
—, Silva, M. and Pérez-Bendito, D.
Continuous addition of reagent technique: a new approach to differential reaction-rate methods 221
- Más, F.
—, Estela, J.M. and Cerdá, V.
Spectrophotometric determination of silicate with Rhodamine B by flow-injection analysis 151
- Mathur, P.K., see Kumbhar, A.G. 291
- Matsui, M., see Mukai, H. 277
- Miyazaki, S., see Mukai, H. 277
- Molnár-Perl, I.
—, Morvai, M., Pintér-Szakács, M. and Petrő-Turza, M.
Gas chromatographic determination of isocitric and malic acid in the presence of a large excess of citric acid 165
- Morvai, M., see Molnár-Perl, I. 165
- Mukai, H.
—, Miyazaki, S., Umetani, S., Kihara, S. and Matsui, M.
Steric effect of *ortho*-substituents of 1-phenyl-3-methyl-4-aroyl-5-pyrazolones on the synergic extraction of lutetium with triethylphosphine oxide 277
- Murata, H., see Okamoto, Y. 139

- Narasimhan, S.V., see Kumbhar, A.G. 291
 Neff, V.D., see Krishnan, V. 7
 Neu, M., see Booksh, K. 53
 Nugteren-Osinga, I.C. Van, see Van Nugteren-Osinga, I.C. 245
 Nurchi, V.
 —, Crisponi, G. and Ganadu, M.L.
 A BASIC program for least-squares estimation of the parameters influencing line shapes in multi-site chemical exchange in nuclear magnetic resonance spectrometry 157
- Okamoto, Y.
 —, Murata, H., Yamamoto, M. and Kumamaru, T.
 Determination of vanadium and titanium in steel by inductively coupled plasma atomic emission spectrometry with modified use of a tungsten boat furnace atomizer for atomic absorption spectrometry 139
 Okumura, K., see Taguchi, H. 13
 Otto, M., see Liebich, V. 61
- Padron, G., see Besada, V. 301
 Pastore, P., see Lavagnini, I. 95
 Pérez-Bendito, D., see Márquez, M. 221
 Petr, R., see Racek, J. 19
 Petró-Turza, M., see Molnár-Perl, I. 165
 Pintér-Szakács, M., see Molnár-Perl, I. 165
 Przybyl, M.
 — and Sugier, H.
 Tungsten electrode for urea 269
- Quintana, M., see Besada, V. 301
- Racek, J.
 — and Petr, R.
 Biosensor for determination of hydrogen peroxide based on catalase activity of human erythrocytes 19
 Ramirez, M., see Gomez, M.J. 229
 Rangarajan, S., see Kumbhar, A.G. 291
 Ratcliffe, N.M.
 Polypyrrole-based sensor for hydrazine and ammonia 257
 Rios, A., see Agudo, M. 211
 Rius, F.X., see Zupan, J. 311
 Rodgers, A.H., see Khaleedi, M.G. 121
 Rojas, I., see Besada, V. 301
- Sarantonis, E.G., see Syropoulos, A.B. 195
 Sasaki, S., see Abe, H. 73
 Schöffski, K., see Wünsch, G. 283
 Shimabayashi, Y., see Taguchi, H. 13
 Shimonishi, Y., see Besada, V. 301
 Shiozawa, K., see Handa, M. 107
 Silva, M., see Márquez, M. 221
 Stolzberg, R.J., see Booksh, K. 53
 Sugier, H., see Przybyl, M. 269
 Sultan, S.M., see Al-Zamil, Z. 161
 Suzuki, N., see Iwata, Y. 115
- Syropoulos, A.B.
 —, Sarantonis, E.G. and Calorkerinos, A.C.
 Flow-injection chemiluminometric analysis of some steroids by their sensitizing effect on the bromate-sulphite reaction 195
- Tagami, H., see Kiba, N. 307
 Taguchi, H.
 —, Ishihara, N., Okumura, K. and Shimabayashi, Y.
 Biosensor for peptide determination constructed by immobilizing proteolytic enzymes on coated-wire electrodes 13
 Takahashi, Y., see Abe, H. 73
 Takao, T., see Besada, V. 301
 Takeshima, S., see Yoshida, S. 181
 Theriault, G.A., see Inman, S.M. 45
 Thibado, P., see Inman, S.M. 45
 Torres, H., see Gomez, M.J. 229
- Umetani, S., see Mukai, H. 277
 Urakami, K., see Yoshida, S. 181
 Urso, E.M.D., see D'Urso, E.M. 1
- Valcárcel, M., see Agudo, M. 211
 Van Bennekom, W.P., see Halvax, J.J. 171
 Van der Linden, W.E., see Van Nugteren-Osinga, I.C. 245
 Van Nugteren-Osinga, I.C.
 —, Hoogendam, E., Bos, M. and Van der Linden, W.E.
 Impulse-response functions of several detectors used in flow-injection analysis 245
- Vrbová, E.
 — and Marek, M.
 Application of the Ugi reaction for the preparation of enzyme electrodes 263
- Wang, E., see Hou, W. 29
 Wiese, G., see Halvax, J.J. 171
 Worsfold, P.J., see Lancaster, J.S. 189
 Wünsch, G.
 — and Schöffski, K. Die Iodierende Nebenreaktion im Karl-Fischer-System 283
- Xidis, A.L., see Krishnan, V. 7
- Yamada, K., see Kasimura, H. 297
 Yamamoto, M., see Kasimura, H. 297
 —, see Okamoto, Y. 139
 Yebrá-Biurrun, M.C., see Bermejo-Barrera, A. 321
 Yoshida, S.
 —, Urakami, K., Kito, M., Takeshima, S. and Hirose, S.
 Precolumn derivatization for the determination of fluoropyrimidines by liquid chromatography with chemiluminescence detection 181
- Zupan, J.
 — and Rius, F.X.
 XYZ, a program for modeling, validation, prediction and graphic display of data 311